

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/12620

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D231/44 A01N43/56 C07D401/12 C07D403/12 C07D409/12
C07D405/12 C07D417/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 28126 A (AKAYAMA ATSUO ;KANDO YASUYUKI (JP); KIJU TOSHIYUKI (JP); NOGUCHI M) 7 August 1997 (1997-08-07) cited in the application claim 1; examples ---	1-16
X	WO 98 28278 A (RHONE POULENC AGROCHIMIE) 2 July 1998 (1998-07-02) cited in the application claim 1; examples -----	1-16

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Further documents are listed in the continuation of box C.

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Patent family members are listed in annex.

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Date of the actual completion of the international search

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18/02/2004

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Information on patent family members

International Publication No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9728126	A	07-08-1997	AT 227269 T	15-11-2002
			AU 1555797 A	22-08-1997
			BR 9707473 A	27-07-1999
			CN 1210518 A	10-03-1999
			DE 69716880 D1	12-12-2002
			DE 69716880 T2	17-07-2003
			EP 0879229 A1	25-11-1998
			ES 2187751 T3	16-06-2003
			JP 10152476 A	09-06-1998
			WO 9728126 A1	07-08-1997
			US 6316477 B1	13-11-2001
WO 9828278	A	02-07-1998	AP 1039 A	23-01-2002
			AT 224877 T	15-10-2002
			AU 745770 B2	28-03-2002
			AU 5759998 A	17-07-1998
			BG 103591 A	30-11-2000
			BR 9714187 A	29-02-2000
			CN 1316424 A	10-10-2001
			CN 1245492 A , B	23-02-2000
			CZ 9902283 A3	17-11-1999
			DE 69715911 D1	31-10-2002
			DE 69715911 T2	28-05-2003
			DK 948485 T3	03-02-2003
			EA 3186 B1	27-02-2003
			EE 9900322 A	15-06-2000
			EG 21703 A	27-02-2002
			WO 9828278 A1	02-07-1998
			EP 0948485 A1	13-10-1999
			ES 2179386 T3	16-01-2003
			HR 970704 A1	31-10-1998
			HU 0000482 A2	28-06-2000
			ID 19261 A	28-06-1998
			JP 2001507002 T	29-05-2001
			NZ 336419 A	30-03-2001
			PL 334282 A1	14-02-2000
			SK 85999 A3	16-05-2000
			TR 9901472 T2	22-11-1999
			TW 476757 B	21-02-2002
			US 2003144251 A1	31-07-2003
			US 2002045758 A1	18-04-2002
			US 6350771 B1	26-02-2002
			ZA 9711534 A	24-06-1998